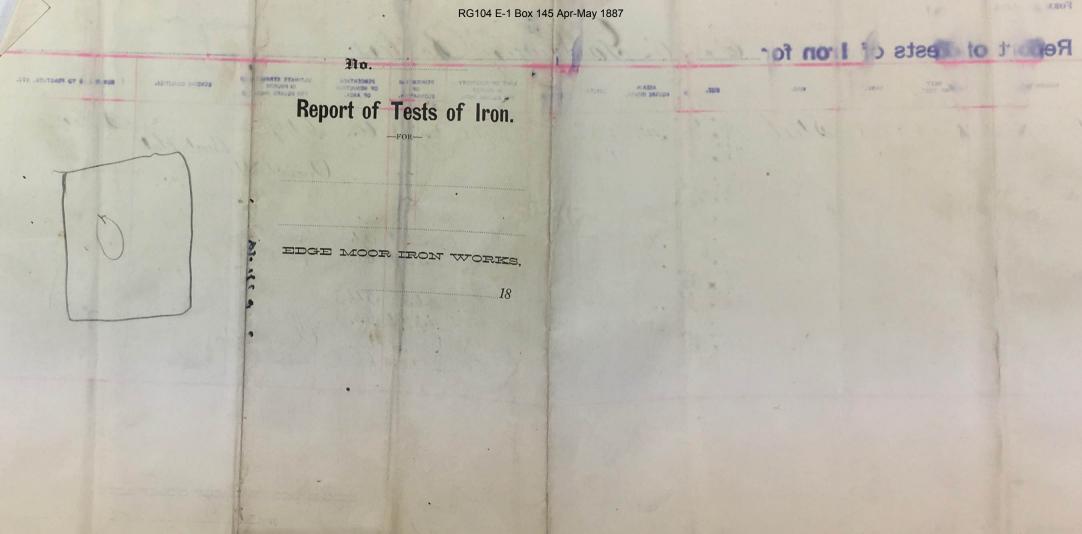
Rough draft of Rough draft of Repiterer Correspondence Concerning Franche Theam plants



Report of Tests of Iron for 6'x 20' Galloway Boilers	Report of Tests of	Iron for	6'x 20'	Gallow	ay Poilers
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MAKERS' MAME.	DATE OF TEST.	MARK.	KIND.	\$12E.	AREA IN SQUARE INCHES.	LENGTH.	RAUGE READINU.	LIMIT OF ELASTICITY IN POUNDS PER SQUARE INCH.	PERCENTAGE OF ELONGATION. 8" 12 dia	PERCENTAGE OF REDUCTION OF AREA.	ULTIMATE STRENGTH IN POUNDS PER SQUARE INCH.	SENDING QUALITIES.	REMARKS AR TO FRACTURE, ETC.
Doughas k	- 61	×828	# # # # # # # # # # # # # # # # # # #	25" 15" 28" 2" 28" 2" 24 × 76" " 25" × 45" 27" × 45" 27" × 45"	.756	1'3½" 1'4" " "	SEADING.	38,400 38,800	26.2 29.1 26.2 29.1	60. (60.	61.900 (2 senched) " 67.500 60.800	Bent Flat	Silvy
	" "			25" 15" 28 × 32	.526	1'32"		40.600	26.3 29.6	55.3	60.100 Quenched, 61.200	() "	"

No. Copy

Signed - per J.

T. J. Sellers.

About 41 feet 20" Touble Leather Belling 158.67 11 39 " 18" - "- 132.21

Diff to be paid in cash #, 290.88 10700 # 183.81 About 41 ft 20"5 ply Rubber Belting 57.81 We will make an even exchange of the 24' Bell About 41 feet 20" 6 ply Mubber Belting 6950 39 " 18" 6 " " 59.09 128.59 We will allow for the 24' Belt Vash 10700 \$ 2159

DATE OF DELIVE	RY.	NUMBER	RG104 E-1 Box 145 Apr-May 1887	DEVIATION STANDARD	WEIGHT	
Month.	DAY,	DELIVERY.	DENOMINATION.	IN GRA	LIGHT.	FINENESS.
13 Nov. 1886	Book	hage		117	D	
10 14V 1880	82	96.	architects on thea	blen	The.	do
			mobileets on thea	mplan	1 rec	moral r
18 " 1886	35					
who we self		102	Stave Gaurined &	ague,	Voller.	The a
			Chilate by			
			Chilects because Co	unor	arriv	e ak
			Enclusion			
9 Dec. 1886	32	324	Har aff. Wilson	's Archi	tects for	+ asking
			Har aff. Wilson ab. bonds falidde.	yk		7
13 " 1886	32	367	Concerning Compe	water	i y a	reliteds
					U	
22 , 1886	32	413	" frelin	inay b	out for	hiddens te
22 "/876	32	422	ask, about the ag	repriate	n for	removal
			ask, about the aff			
74					,	70 0
31 ., 1886	32	462	Transmits Specific	ations	Ju 150 3	Lague
	**	*			0	1
17 Jan: 1887	33	3/	Ofening the froposa	6 for	Eyene	pc .
11 Set 1887	33	nj	Endowing They of an boilers	over: for	trul	dig ver
			voilers			
The the	33	01	0 8 1 1 200	MAC	. ,	
1 1087	03	200	lend papers relating	w the Con	sturke	n of beighties
1)				- 4		

	1	70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			RG104 E-1 Box 145 Apr-May 1887			
		DATE OF DELIVE	ERY.	NUMBER	DENOMINATION.	DEVIATION STANDARI	ON FROM O WEIGHT RAINS.	
		Month.	DAY,	DELIVERY.		HEAVY.	LIGHT.	FINENESS.
	10	7110	O. Book	lage	4			
	10	Feb. 1887	33	286	Leuds Copy of Centra	et for	the Cour	truction
		/			of witernally fire	d Box	lon	
1					lends copy of Centrally fire			
1	26	11 1889	22	315	101. 01-1	Con	10	.0
		/	00		derums comain of	edge m	oord.6.	with
1					Neturns Contract of			
1								
1	1	Meh. 1887	33	341	Euclose proposals of Structure boilers Mant.	Mel	and to	for Cu.
1					Structures boilers	thank	Les 1	Acar
L				1	Mant	·	1	· Learn
							-	
1	4	" (8)	33	372	acknowledges resig	pt-lot	tu reti	urning,
1					Acknowledge, renig Mefaul Contract			
	F	" 188m	33	406	Loub Copies of a	Neitin	mont	2 with
					hannel & she	1.1.	- 0	in
				1	hroposals & Species	carlor	gan	eer
					boilers			
			4					
	9	" 1887	33	408	recommends the Ser	llica 9	1 a 10	1.1. E.
					give basel on x	lugger	tion of	Wilson
150			•	0	Recommends the See give, based on x	11	1	Ju
			-					
1	7 '	1887 .	Y		acces, paper, Conta			
				· ·	als to the for sha	fluid	, pu	lleys,
				b	elts, gearing, f	ran de	ellen /	G; also
				6	This of letter by	n Kon	ei.	8
				1	prist of letters from	1	·	0 10
				1	que book, if fo	nu VV	elson,	dos fo
~)			0				
2	1		The same of the sa					

-			RG104 E-1 Box 145 Apr-May 1887		
DATE OF DELIVER	RY.	NUMBER OF DELIVERY.	DENOMINATION.	DEVIATION FROM STANDARD WEIGHT IN GRAINS.	FINENESS.
Month.	DAY,			HEAVY. LIGHT.	
april 1. 1887	N3. 34	paye 90	Lendo Cope of letter Works, proposing No. 2, to k	frankensing to reconst	glon Bergin
april 2 . 1883	34	100	gives more Exple Eming the orbon mith Kensington.	cil informa ce as regar Gug: Works	tion Contract
n 4.1887	34		Phiets Dieda e pession with rya		
" 4.1885	34	113	Lend 4 Copies Consto furnish mate with transfer of	trad to und was to mi Cleampla	Ch Lellers Connection ut to
4 9.187	હેય	158	Suturieur with Sugare Congrue Co Augure	lh Francis en regain	Ken. 2
11 16.1889	34.	zzg	Relative to procun to take the pla	eig a SO H	P Enguire
., 29.1887	34	312	Transmits of of an Belts	letter from	Milson
3					

[Abstract:] Rough draft of Registered Correspondence Concerning Transfer of Steam Plant May 7, 1887

[Please note: Table is split into two parts for formatting. See original images for the full layout.]

Form 48. -1,000.

Report of Tests of Iron for 6' x 20' Galloway Boilers

Makers'	Date of	Mark.	Kind.	Size.	Area in	Length.
Name	Test.				Square	
	1886.				Inches.	
Douglas	Dec. 6	1828	Steel	2 5/8" x 15/32"	.47	1' 3 ½"
"	"	"	"	2 1/8" x ½"		1' 4"
66	44	"	"	"		"
"	"	"	66	2 ³ / ₄ " x 9/16"		44
66	44	"	"	"		"
"	"	"	66	66	.756	66
"	"	"	"	"	.638	"
"	"	"		2 5/8" x 15/32"		1' 3 ½"
"	"	"	"	2 1/8" x ½"	.526	1' 4"
"	"	"		66	.526	66
"	"	"		2 5/8" x 15/32"		1' 3 ½"
66	"	"	66	"	.47	66

Gauge	Limit of	Percentage	Percentage	Percentage	Ultimate	Bending	Remark as
Reading.	Elasticity	of	of	of	Strength in	Qualities.	to Fracture
	in	Elongation.	Elongation.	Reduction	Pounds per		etc.
	Pounds	8"	12 dia	of Area.	Square		
	per				Inch.		
	Square						
	Inch.						
	38,900	22.5	28.3	60.	61,900		Silky
						Bent Flat	
					(Quenched)	"	
					"	"	
						"	
	41,400	26.2	29.1	51.	67,500		"
	38,400	26.2	29.1	60.	60,800		"
						"	
	38,800	26.6	30.	54.3	60,400		"
	40,600	26.3	29.6	55.3	60,100		"
					(Quenched)	"	
	40,000	24.7	27.5	62.5	61,200		"

NARA RG104, Entry 1, Box 145

[Letter Two:]

About 41 feet 20" Double Leather Belting " 39 " 18" " " "	158.67 132.21	290.88
We will allow for the 80 ft. 24" Rubber Belt Diff. to be paid in cash		107.00 \$183.88
About 41 ft. 20" 5 ply Rubber Belting " 39 " 18" 5 " " " " We will make an even exchange of the 24"	57.81 49.14 Belt	\$106.95
About 41 feet 20" 6 ply Rubber Belting " 39 " 18" 6 " " " We will allow for the 24" Belt Diff. to be paid in Cash	69.50 59.09	128.59 107.00 \$21.59

[Letter Three:]

Date of Delivery.	Date of Delivery.	Number of Delivery.	Denomination.	Deviation from	Deviation from	Fineness.
Month.	Day.	Denvery.		Standard	Standard	
Wionth.	Day.			Weight in	Weight in	
				Grains.	Grains.	
				Heavy.	Light.	
13 Nov.	O. Book	Page 91.	Recommending Wilson	Heavy.	Ligit.	
1886	32	1 480 > 1.	Bro. as architects on			
1000			steam plant removal.			
18	32	132	Have examined engines			
" 1886			& Boilers & recommend			
			Wilson's as Engineering			
			Architects because			
			cannot arrive at			
			conclusion.			
9 Dec.	32	324	Has appt. Wilson's			
1886			Architects & asking ab.			
			Bonds for bidders &c.			
13	32	367	Concerning			
" 1886			Compensation of			
			Architects.			
22	32	413	" preliminary bond for			
" 1886			bidders &c.			
22	32	422	Asks about the			
" 1886			appropriation for removal			
			of steam plant			
31	32	462	Transmits specifications			
" 1886			for 150 Payun			
17 Jan.	33	51	Opening the proposals for			
1887			Engines &c.			
11 Feb	33	229	Enclosing copy of adver.:			
1887			for building new boilers.			
14	33	260	Sends papers relating to			
" 1887			the Construction of			
			Engines.			

Date of Delivery. Month.	Date of Delivery. Day.	Number of Delivery.	Denomination.	Deviation from Standard Weight in Grains. Heavy.	Deviation from Standard Weight in Grains. Light.	Fineness.
18 Feb. 1887	O. book	286	Sends copy of Contract for the Construction of internally fired Boilers.			
26 " 1887	33	325	Returns contract of Edge Moor I. Co. with new sureties.			
1 Mch. 1887	33	341	Encloses proposals of McCaul &c. for constructing boilers & transfer of steam plant.			
4 " 1887	33	372	Acknowledges receipt letter returning McCaul Contract.			
8 " 1887	33	406	Sends copies of Advertisement with proposals & specification for new boiler.			
9 " 1887	33	408	Recommends the selling of a 10 H.P. Engine, based on suggestions of Wilson.			
19 " 1887	34	1	Encloses paper containing advers. Proposals &c &c for shafting, pulleys, belts, gearing, from Sellers & Co.; also copies of letters from Kensington Engine Works & from Wilson Bros. Co.			

Date of Delivery.	Date of Delivery.	Number of Delivery.	Denomination.	Deviation from	Deviation from	Fineness.
Month.	Day.	Denvery.		Standard	Standard	
TVIOILII.	Duy.			Weight in	Weight in	
				Grains.	Grains.	
				Heavy.	Light.	
April 1,	O.B.	Page	Sends copy of letter from			
1887	34	90	Kensington Engine			
			Works, proposing to			
			reconstruct Engines No.			
			2, &c &c.			
April 2,	34	100	Gives more explicit			
1887			information as regard			
			contract with Kensington			
			Eng. Works.			
" 4, 1887	34	109	Thinks Director is under			
			wrong impression with			
			regard to Engine No. 2			
			&c.			
" 4, 1887	34	113	Sends 4 copies contract			
			&c. with Sellers to			
			furnish materials &c. in			
			connection with transfer			
			of steam plant &c.			
" 9, 1887	34	158	Interview with Mr.			
			Francis of Kensington			
			Engine Co. in regard to			
			No. 2 Engine.			
" 16,	34	229	Relative to procuring a			
1887			50 H.P. Engine to take			
			the place of No. 2.			
"29,	34	312	Transmits copy of letter			
1887			from Wilson on Belts.			

NARA RG104, Entry 1, Box 145

Date of	Date of	Number of	Denomination.	Deviation	Deviation	Fineness.
Delivery.	Delivery.	Delivery.		from	from	
Month.	Day.	_		Standard	Standard	
				Weight in	Weight in	
				Grains.	Grains.	
				Heavy.	Light.	
May 7,	O. Book	Pg.	Makes requisition for			
1887	34	391	\$5000 on Secretary of the			
			Treas. to meet expense,			
			removal of Steam plant.			